



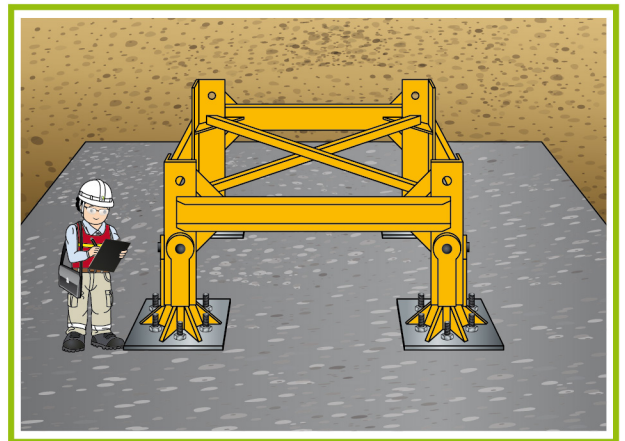
TOWER CRANE COLLAPSED AND HIT CONTAINER OFFICES RESULTING IN THREE DEATHS AND SEVERAL INJURED

An accident happened on 7 September 2022 in which a tower crane collapsed and hit the container offices, resulting in three deaths and several injured.

The Construction Industry Council (CIC) would like to deliver this safety message for your attention. It would be much appreciated if you could distribute the message below to your fellow members, relevant personnel or other industry stakeholders where appropriate. Thank you very much.

Common Accidents

1. Temporary structures of lifting appliance are designed without sufficient consideration.
2. Failure to conduct regular inspection to the lifting appliance.
3. Failure to ensure the lifting work is carried out according to the maximum load.
4. Failure to acknowledge and handle the risks and hazards induced by the changes in the procedure or environment.



The structures are inspected by competent engineer.

Critical Control Measures

1. Temporary structures or supports should be designed with adequate consideration with the loading required.
2. Temporary structures or supports must be erected according to the drawing requirements.
3. Temporary structures must be inspected by a competent engineer before use.
4. Make use of dynamic risk assessment to manage the risks and hazards induced by the changes in process or site environment.
5. Strictly monitor the lifting work and ensure that is not overloaded.



Conduct pre-work briefing and dynamic risk assessment before works.



SAFETY ROLES AND RESPONSIBILITIES OF KEY STAKEHOLDERS IN THE HONG KONG CONSTRUCTION INDUSTRY

What if all stakeholders can act together and take one step further to fulfill their roles and responsibilities, can similar accident be avoided?

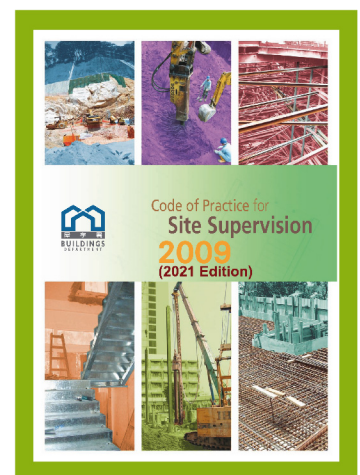
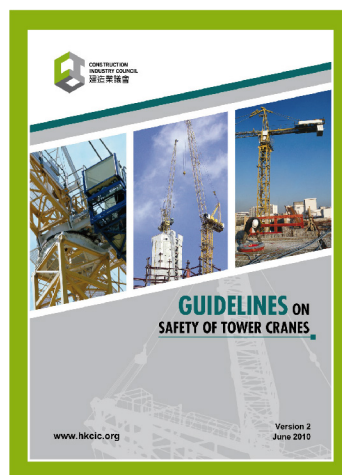
- In the design stage, the designer or engineer should consider the relevant design and construction methods, and establish the correct construction methods and relevant safety measures.
- During the construction stage, all temporary structures or supports must be erected in accordance with the drawing requirements, and shall be inspected by designated persons before use.
- The construction team could strictly implement the Code of Practice for Site Supervision of Buildings Department and constantly identify the changes in the process or the environment through dynamic risk assessment, and apply control measure to eliminate the hazard.
- Worker can identify any changes in the construction process and report it to their supervisors and take action against it immediately.

Reference information for sharing

Reference Material on Safety Roles and Responsibilities of Key Stakeholders in the Hong Kong Construction Industry

Guidelines on Safety of Tower Cranes

Code of Practice for Site Supervision



Safety Quiz
(Limited prize quotas, first come first served) :

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